

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("20040073828" "20050240737" "5488723" "6625751").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/17 15:13
S2	6399	((717/130,141,145,147,148,153) or (709/201,212,213,216) or (712/28) or (719/312,316)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/12 16:23
S3	443	(shar\$3 writ\$3) near instruction with (insert\$3 instrument\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/12 16:25
S4	12	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/12 16:27
S5	3172	distributed adj memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/12 16:27
S6	7	distributed adj memory near2 update	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/12 16:27
S7	9	automatic\$4 near2 (insert\$3 instrument\$5) with (parallel\$7 distributed) with code	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/16 13:41
S8	38922	automatic\$4 with parallel\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/16 13:42
S9	5	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/16 13:41

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S10	6410	((717/130,141,145,147,148,153) or (709/201,212,213,216) or (712/28) or (719/312,316)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 13:42
S11	77	S8 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/16 13:42
S12	459	automatic\$4 with parallel\$7 with memory	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/16 13:42
S13	3	S10 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/16 13:42
S14	50	(US-6205528-\$ or US-5666519-\$ or US-5889990-\$ or US-5946467-\$ or US-5371890-\$ or US-5392390-\$ or US-5410662-\$ or US-5495610-\$ or US-5666553-\$ or US-5701423-\$ or US-5737514-\$ or US-5745672-\$ or US-5751939-\$ or US-5864657-\$ or US-5909559-\$ or US-5958070-\$ or US-5964834-\$ or US-5983259-\$ or US-6003112-\$ or US-6064721-\$ or US-6122734-\$ or US-6138274-\$ or US-4490785-\$ or US-4536840-\$ or US-4569018-\$ or US-4839859-\$).did. or (US-4922193-\$ or US-4975836-\$ or US-5001625-\$ or US-5197135-\$ or US-5210873-\$ or US-5253359-\$ or US-5261104-\$ or US-5317680-\$ or US-5371871-\$ or US-5379057-\$ or US-5386525-\$ or US-5428789-\$ or US-5465351-\$ or US-5475843-\$ or US-5519851-\$ or US-5524253-\$ or US-5537295-\$ or US-5566302-\$ or US-5581736-\$ or US-5596714-\$ or US-5598511-\$ or US-5675362-\$ or US-5682553-\$ or US-5701430-\$).did.	USPAT	OR	ON	2007/01/16 13:49
S15	0	program with parallelizatoin	USPAT	OR	ON	2007/01/16 13:49
S16	93	program with parallelization	USPAT	OR	ON	2007/01/16 13:49
S17	11	S10 and S16	USPAT	OR	ON	2007/01/16 13:53
S18	83	automatic\$4 near paralleliz\$5	USPAT	OR	ON	2007/01/16 13:56
S19	23	automatic\$4 near paralleliz\$5 with program	USPAT	OR	ON	2007/01/16 14:30

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S20	629	(writ\$3 stor\$3) with shared with distributed	USPAT	OR	ON	2007/01/16 14:31
S21	98	S10 and S20	USPAT	OR	ON	2007/01/16 14:31
S22	25	(writ\$3 stor\$3) with shared with distributed same (runtime load\$3)	USPAT	OR	ON	2007/01/16 15:09
S23	84	"distributed shared-memory"	USPAT	OR	ON	2007/01/16 15:09
S24	19	"distributed shared-memory" same (writ\$3 stor\$3)	USPAT	OR	ON	2007/01/16 15:24
S25	77	cache adj coheren\$2 near3 instruction	USPAT	OR	ON	2007/01/16 15:24
S26	5	"distributed shared memory" same instrument\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/17 15:13
S27	4	("20040073828" "20050240737" "548 8723" "6625751").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/17 15:18
S28	2	load and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/17 15:18
S29	3	load\$3 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/18 08:00
S30	278	(instrument\$5 insert\$3) near instruction with load\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/18 08:01
S31	6411	((717/130,141,145,147,148,153) or (709/201,212,213,216) or (712/28) or (719/312,316)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 08:01
S32	17	S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 08:08
S33	0	(717/130and717/166).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 08:09

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S34	405	(717/130).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 08:09
S35	140	(717/166).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 08:09
S36	1	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:08
S37	278	(instrument\$5 insert\$3) near instruction with load\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/18 09:55
S38	4	("20040073828" "20050240737" "548 8723" "6625751").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/18 09:56
S39	0	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/18 09:56
S40	1	load adj time adj instrumentation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:39
S41	80	instrument\$5 same class adj load\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:40
S42	6411	((717/130,141,145,147,148,153) or (709/201,212,213,216) or (712/28) or (719/312,316)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 10:40
S43	25	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:41

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S44	0	coherence same instrument\$5 same "load time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:42
S45	759	coherence same instrument\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:42
S46	5	(instrument\$5 insert) with load\$1time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:42
S47	5	(instrument\$5 insert\$3) with load\$1time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:43
S48	129654	(instrument\$5 insert\$3) with load\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:43
S49	20	S45 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:43
S50	10	(US-20040093588-\$ or US-20020199172-\$ or US-20040158819-\$ or US-20050039171-\$ or US-20040163077-\$).did. or (US-6611955-\$ or US-5802585-\$ or US-7047521-\$ or US-6760903-\$ or US-6314558-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/18 13:57
S51	166812	load\$3 with stor\$3	US-PGPUB; USPAT	OR	ON	2007/01/18 13:57
S52	4	S50 and S51	US-PGPUB; USPAT	OR	ON	2007/01/18 13:57

## EAST Search History

S53	10	(US-20040093588-\$ or US-20020199172-\$ or US-20040158819-\$ or US-20050039171-\$ or US-20040163077-\$).did. or (US-6611955-\$ or US-5802585-\$ or US-7047521-\$ or US-6760903-\$ or US-6314558-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/18 15:12
S54	2	just-in-time and S53	US-PGPUB; USPAT	OR	ON	2007/01/18 15:17
S55	2	(just-in-time jit) and S53	US-PGPUB; USPAT	OR	ON	2007/01/18 15:20
S56	4	dynamic adj instrumentation and S53	US-PGPUB; USPAT	OR	ON	2007/01/18 15:20


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### 1 [Instrumentation of standard libraries in object-oriented languages: the twin class](#)



#### [hierarchy approach](#)

Michael Factor, Assaf Schuster, Konstantin Shagin

 October 2004 **ACM SIGPLAN Notices , Proceedings of the 19th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '04**, Volume 39 Issue 10

Publisher: ACM Press

 Full text available: [pdf\(227.01 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Code instrumentation is widely used for a range of purposes that include profiling, debugging, visualization, logging, and distributed computing. Due to their special status within the language infrastructure, the *standard class libraries*, also known as *system classes* provided by most contemporary object-oriented languages are difficult and sometimes impossible to instrument. If instrumented, the use of their rewritten versions within the instrumentation code is ...

**Keywords:** code instrumentation, inheritance, java, standard class libraries

### 2 [Developing the statistical parameters for simultaneous variation in final payload and total load time](#)



#### [total load time](#)

Govindan Kannan, Michael C. Vorster, Julio C. Martinez

 December 1999 **Proceedings of the 31st conference on Winter simulation: Simulation--a bridge to the future - Volume 2 WSC '99**

Publisher: ACM Press

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### 3 [Object-oriented programming languages and systems \(OOP\): RAIL: code instrumentation for .NET](#)



#### [instrumentation for .NET](#)

Bruno Cabral, Paulo Marques, Luís Silva

 March 2005 **Proceedings of the 2005 ACM symposium on Applied computing SAC '05**

Publisher: ACM Press

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Code instrumentation is a mechanism that allows modules of programs to be completely


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